**Classify-It Assessment Rubric**

**Name \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Total Score: \_\_\_\_/30**

**SCENARIO: The International Commission on Nomenclature (ICN) has hired you to fight the classification debate.** You have been hired as a researcher and your first task is to investigate the defining characteristics of an assigned organism. The ICN needs you to bring your expertise to a meeting with other organism experts from your kingdom to discuss the further development of the classification system. There is one problem, the official documents containing the kingdom committee names has been lost!! You and your colleagues must use your knowledge of your organism to determine your kingdom committee. The ICN now calls on your group for advice. Your job is to convince the ICN board whether or not your kingdom is an effective classification group. You will use one of the following mediums to present your position to the ICN board of directors.

Group Task:

1. **Prezi:** <http://prezi.com/profile/signup/> and choose the Free Public version; start creating your 3-D presentation importing pictures and files to be viewed throughout the presentation; by creating paths within your presentation your viewer should be able to see all your information just by clicks of a button.
2. Glogster: <http://edu.glogster.com/> click on "Create Your Own Glog now"; use this site to create an electronic poster board for your presentation.

**You could make history and change the international classification system, so make your claim wisely and support it with evidence!**

**Individual Task**

Score \_\_\_\_\_\_/30

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| **Name of Organism** | **2** | **1** | **0** | **Score x 2** |
| * Name the organism using the 7 levels of classification. | All 7 levels of classification are identified | 1 to 2 levels of classification are missing or incorrect | Missing more than 2 levels of classification | Total Score  \_\_\_\_\_\_\_/4 |

**Characteristics of Organism:**

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| --- | --- | --- | --- | --- | --- |
| **Cytology: the cellular make-up** | **3** | **2** | **1** | **0** | **Score x 2** |
| * Identify the type of cells your organism has… prokaryotic, eukaryotic, plant, animal, heterotrophic, autotrophic, etc. * Describe the cellular make-up of your organism using terms like multicellular, unicellular… * Describe what makes up your organism’s cells, explain key structures or organelles contributing to the uniqueness of your organism. | All 3 of the requirements are met for the cellular description of your organism | 2 of the 3 requirements are met for the cellular description of your organism | 1 of the 3 requirements are met for the cellular description of your organism | Description of the cellular make-up of your organism is not present. | Total Score  \_\_\_\_\_\_\_/6 |

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| **Ecology** | **2** | **1** | **0** | **Score x 2** |
| * Identify and explain your organism’s habitat. * Describe how your organism acquires energy. | Meets all requirements for the ecological description of your organism. | Meets 1 of the 2 requirements for the ecological description of your organism. | Fails to meet the requirements for the ecological description of your organism. | Total Score  \_\_\_\_\_\_/4 |

**Group Task**

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| **The Classification Debate Guide** | **3** | **2** | **1** | **0** | **Score x 2** |
| * Position is clearly stated in your hypothesis of whether or not your kingdom will be used to classify your organism in 10 years. * Identify 3 pieces of evidence supporting the position you took in your hypothesis. * Use examples to support your evidence when necessary. | Position and hypothesis are clearly stated, 3 pieces of evidence are given along with examples. | 2 components of the classification debate guide are present. | 1 component of the classification debate guide is present. | Failed to complete the classification debate guide. | Total Score  \_\_\_\_\_\_\_\_/6 |

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| **Kingdom Presentation** | **3** | **2** | **1** | **0** | **Score x 2** |
| * Group members each present an equal portion of their kingdom project. * Clearly identifies the defining characteristics of the kingdom. * Includes pictures of the organism found in the kingdom. * Includes the group’s position on the classification debate. * Visual aid is easy to read and informative. | Meets all presentation requirements | Meets 3 or 4 presentation requirements | Meets 1 or 2 presentation requirements | Fails to meet presentation requirements | Total Score  \_\_\_\_\_\_/6 |

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| **Group Member Evaluation** | **2** | **1** | **0** | **Score x 2** |
| Mark a rating for each group member, including yourself, by placing a check in the appropriate column.  Group Member Name: | Group member made 2 or more significant contributions to the group project. | Group member made 1small contribution to the group project. | Group member failed to contribute to the group project. | Total Score  \_\_\_\_\_\_\_\_/4 |
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